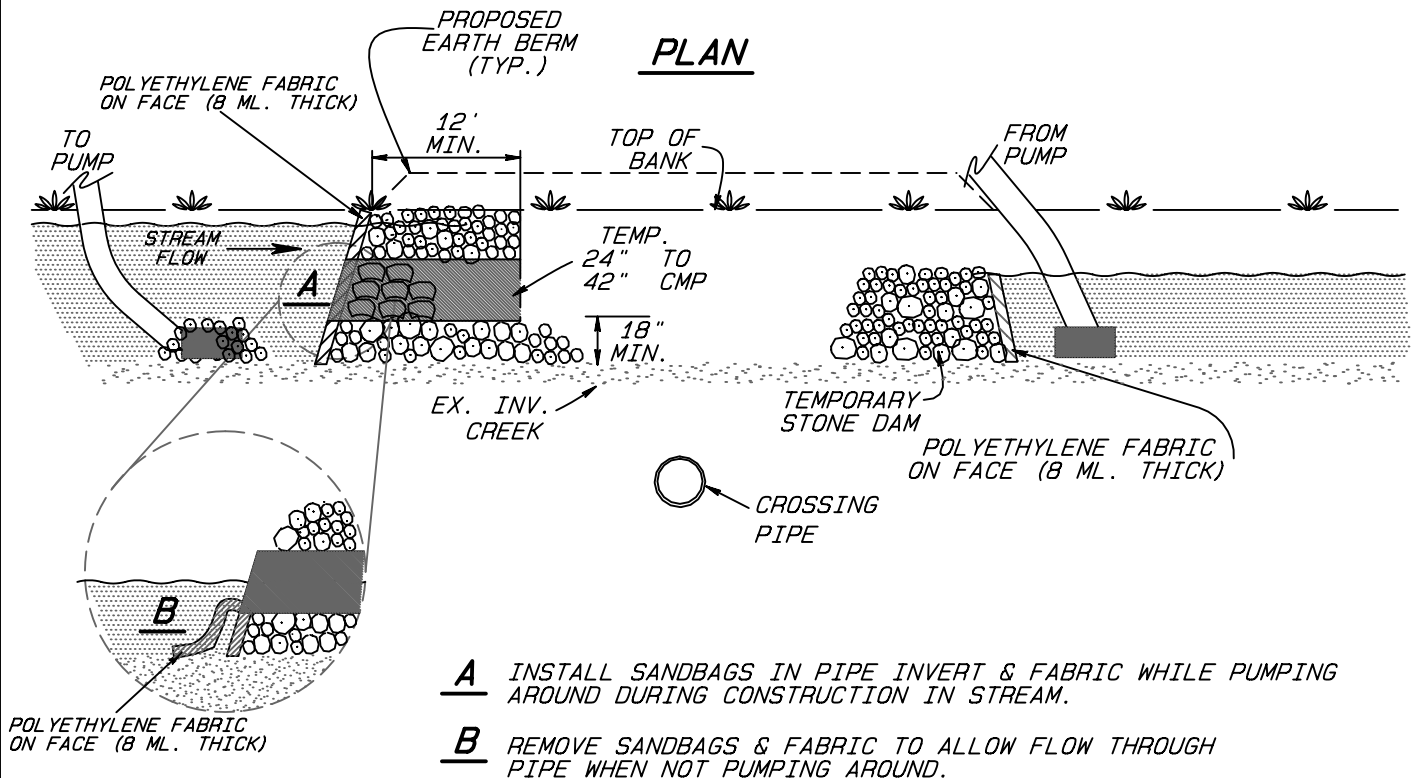


PLAN



A INSTALL SANDBAGS IN PIPE INVERT & FABRIC WHILE PUMPING AROUND DURING CONSTRUCTION IN STREAM.

B REMOVE SANDBAGS & FABRIC TO ALLOW FLOW THROUGH PIPE WHEN NOT PUMPING AROUND.

SECTION A-A

1 OF 2

CITY OF GREENSBORO

STANDARD TEMPORARY CREEK CROSSING DURING CONSTRUCTION

STD.NO.

213

REV.

01-91 06-05
03-97 09-05
03-05

NOTES:

- 1) EROSION STONE TO BE "CLASS I" RIP-RAP UNLESS DESIGNATED DIFFERENTLY ON CONSTRUCTION PLAN.
- 2) PIPE SIZE AND AMOUNT NEEDED TO BE DETERMINED BY ENGINEER ON CONSTRUCTION PLAN.
- 3) TEMPORARY STREAM CROSSING TO BE CONVERTED TO COG #214 UPON PROJECT CONSTRUCTION COMPLETION IF CALLED FOR ON THE CONSTRUCTION PLANS.
- 4) PUMP AND LINE SIZE TO BE DETERMINED BY THE CONTRACTOR USING THE BASE FLOW SHOWN ON THE CONSTRUCTION PLANS.
- 5) WIDTH OF CONSTRUCTION EASEMENT SHALL BE MINIMIZED BASED UPON FIELD CONDITIONS. ANY DISTURBANCE(S) EXCEEDING 40' MAY REQUIRE ADDITIONAL WATER QUALITY PERMITTING OR MITIGATION.

CONSTRUCTION SEQUENCE FOR STREAM CROSSING

- 1) INSTALL PUMP AND LINE TO PUMP FLOW FROM AREA UPSTREAM OF TEMPORARY STREAM CROSSING TO AREA DOWNSTREAM OF CONSTRUCTION AREA. BEGIN PUMPING AND CONTINUING PUMPING WHILE WORKING WITHIN THE STREAM.
- 2) INSTALL UPSTREAM DAM, FILTER FABRIC, AND TEMPORARY CMP. COVER PIPE INLET WITH FABRIC AND SAND BAGS AS SHOWN IN INSET "A" WHILE WORKING IN THE STREAM. ALLOW STREAM FLOW THROUGH CMP AS SHOWN IN INSET "B" WHEN NOT WORKING WITHIN THE STREAM.
- 3) INSTALL DOWNSTREAM TEMPORARY STONE DAM AND FILTER FABRIC TO PREVENT BACK FLOW INTO CONSTRUCTION AREA.
- 4) INSTALL PROPOSED EARTH BERMS ALONG TOP OF BANK ON EACH SIDE OF THE CONSTRUCTION AREA.
- 5) INSTALL DEWATERING BASIN OR SILT BAG AT TOP OF BANK. DEWATER CONSTRUCTION AREA BETWEEN TEMPORARY DAM USING THIS BASIN.
- 6) INSTALL THE 10' X 10' SEDIMENT TRAP OR SILT BAG.
- 7) UPON CONSTRUCTION COMPLETION, REMOVE TEMPORARY DAMS, FILTER FABRIC, AND TEMPORARY CMP. DEPRESS TEMPORARY DAM BOTTOMS INTO STREAM BED UNTIL TOP OF RIP RAP IS LEVEL WITH STREAM BOTTOM. CONVERT TO COG STANDARD #214 IF CALLED FOR IN THE CONSTRUCTION PLANS.
- 8) UPON STABILIZATION OF CLEARED AREAS, REMOVE TEMPORARY EARTH BERM, SEDIMENT TRAP, AND DEWATERING BASIN.

2 OF 2

C I T Y O F G R E E N S B O R O**STANDARD TEMPORARY CREEK
CROSSING DURING CONSTRUCTION****STD. NO.****213****REV.**01-91 06-05
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